Index of Claims

Application No.

09/815,944

Examiner

Applicant(s)

ALLEN ET AL.

Art Unit

Celine X Qian

Date

1636

√ Rejected
= Allowed

(Through numeral)
Cancelled

Claim

Restricted

Non-Elected

Interference

A Appeal
O Objected

|                      |  | <u> </u>   | L  |              |  |              | J  |  | _        |           |  |
|----------------------|--|--|--|--------------|--|--------------|--|--|----------|-----------|--|
| Cla                  | aim  | Date   |  |              |  |              |  |  |          |           |  |
| - CIS                |  | ╁╾   | т-   | П            | т '  | <u>Sat</u>   | ĭ  |  |          | T         |  |
| <del></del>          | Original                                     | 5/21/04  |  | 1            |  | ŀ            |  |  | İ        |           |  |
| Final                | <u>'</u>                                     | 1  | ŀ  |              |  |              |  |  | Į        |           |  |
| "                    | ō  | Ŋ  |  |              |  |              |  |  | l        |           |  |
|                      | 4  |  | <del> </del>                                     | ⊢            | -  | -            | ┢  | ⊢  |          | H         |  |
| <u> </u>             | -  | ₩  | ├-   | -            | <del> </del>                                     | ╁            | ⊢  | ├  |          |           |  |
| -                    | 2  | <del> </del>                                     | $\vdash$   |              | <del> </del>                                     | ╁            | ├  | ╁  |          | $\vdash$  |  |
| -                    | 4  | <u> </u>   | -  | -            | <u> </u>   | H            | <del> </del>                                     | $\vdash$   |          |           |  |
| _                    | 5  | ┢  | -  |              | $\vdash$   | $\vdash$     | <del>                                     </del> |  |          |           |  |
|                      | 6  | ┢  | -  | <del> </del> | ╁╌   | <del> </del> |  | $\vdash$   | -        | -         |  |
| <b> </b>             | 7  | ┢  |  | <del> </del> | ╁  | $\vdash$     | <del>                                     </del> | ┢  | $\vdash$ |           |  |
|                      | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8         | <del>                                     </del> |  | _            | <del>                                     </del> | $\vdash$     | T  | <u> </u>   | ┢        |           |  |
|                      | 9  | _  | <del>                                     </del> | <del> </del> | 1  | $\vdash$     | T  | ┢  | $\vdash$ |           |  |
|                      | 10   |  |  | $\vdash$     | ┢  | ┢            | H  | <del>                                     </del> | _        |           |  |
|                      | 11   |  |  |              | $\vdash$   | $\vdash$     | _  | t  | _        |           |  |
|                      | 12   |  |  |              |  | $\vdash$     |  |  | _        |           |  |
|                      | 13   |  |  |              |  |              |  | $\vdash$   |          |           |  |
|                      | 14   |  |  |              |  |              | Г  |  |          |           |  |
|                      | 15   |  |  |              |  |              |  |  |          |           |  |
|                      | 10<br>11<br>12<br>13<br>14<br>15<br>16       |  |  |              |  |              |  |  |          |           |  |
|                      | 17   |  |  | ļ            |  |              |  |  |          |           |  |
|                      | 18<br>19                                     |  |  |              |  |              |  |  |          |           |  |
|                      | 19   |  |  |              |  |              |  |  |          |           |  |
|                      | 20   |  |  |              |  | Ī            | Ī  |  |          |           |  |
|                      | 20<br>21<br>22<br>23<br>24<br>25<br>26<br>27 |  |  |              |  |              |  |  |          |           |  |
|                      | 22   |  | L  |              |  |              |  |  |          |           |  |
|                      | 23   |  |  |              |  |              |  |  |          |           |  |
|                      | 24   | <u> </u>   |  |              | <u></u>  | L            | L  | L  |          |           |  |
|                      | 25   | <u> </u>   | L_   | <u> </u>     | <u> </u>   | <u> </u>     | _  |  |          | Ш         |  |
|                      | 26   |  |  |              |  |              |  |  |          |           |  |
|                      | 27   |  |  | _            |  |              |  | L  |          |           |  |
|                      | 28   |  | L  | _            |  |              |  | L  | L        |           |  |
|                      | 29   | ١.,  | L.   |              |  |              |  | <u> </u>   |          |           |  |
|                      | 30   | V  |  |              |  |              |  |  |          |           |  |
|                      | 31   | ١.,  | ļ.,  |              |  | <u> </u>     |  | <u> </u>   |          | $\perp$   |  |
|                      | 32   | Ý  |  |              | <u> </u>   | <u> </u> _   | <u> </u>   |  |          |           |  |
| -                    | 33   | V  |  |              | <u> </u>   | <u> </u>     | ┝  | _  | L        | -         |  |
|                      | 34<br>35                                     |  |  |              | <u> </u>   | <u> </u>     | <u> </u>   |  | L        |           |  |
| $\vdash$             | 35   | $\vdash$   | $\vdash$   | -            | -  | <u> </u>     |  | <u> </u>   |          | Щ         |  |
| $\vdash$             | 36<br>37                                     | Н  | -  |              | $\vdash$   | H            | $\vdash$   | $\vdash$   | $\vdash$ |           |  |
| $\vdash$             | 38   | $\vdash$   | $\vdash$   | —            | $\vdash$   | H            | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$  |  |
| $\vdash\vdash\vdash$ | 39   | Н  | -  |              | $\vdash$   | $\vdash$     | $\vdash$   |  | $\vdash$ |           |  |
| $\vdash$             | 40   | $\vdash$   | Н  | _            | H  | H            | -  | $\vdash$   | $\vdash$ |           |  |
| $\vdash$             | 41   | $\vdash$   | $\vdash$   |              |  | H            | $\vdash$   |  | $\dashv$ | -         |  |
| $\vdash$             | 42   | $\vdash$   |  |              |  | <u> </u>     | -  | -  |          | -         |  |
| $\vdash$             | 43   | Н  |  | -            | -  | -            | Ι  | -  | -        | $\dashv$  |  |
| $\vdash$             | 44   | $\vdash$   | -  | _            | $\vdash$   |              | Н  | $\vdash$   | $\dashv$ |           |  |
| $\vdash$             | 45   | Н  |  |              |  | -            | Н  | $\vdash$   |          | $\dashv$  |  |
|                      | 46   | $\vdash \vdash$                                  |  | -            | -  | -            |  | Н  | Н        | $\dashv$  |  |
|                      | 47   |  | $\vdash$   |              |  |              |  |  |          | $\dashv$  |  |
| <del> </del>         | 48   |  | Н  |              |  |              |  | П  | $\dashv$ | $\exists$ |  |
|                      | 49   |  | $\dashv$   |              | П  | П            |  | П  | $\dashv$ | $\neg$    |  |
|                      | 50   |  | $\neg$   |              |  | $\Box$       |  |  |          | $\dashv$  |  |
|                      |  |  |  |              |  |              |  |  |          |           |  |

| _ O.C      | 25111    |               | _  |  |  | 740          | <del>~</del> — |          | . —      |                |
|------------|----------|---------------|--|--|--|--------------|----------------|----------|----------|----------------|
| Final      | Original |               |  |  |  |              |                |          |          |                |
|            | 51       | $\overline{}$ |  | 1  |  |              |                |          |          |                |
|            | 51<br>52 | -             | -  | t -  |  | T            | ╁╌             | $\vdash$ | H        |                |
|            | 53       | $\vdash$      |  |  | $\vdash$   |              | $\vdash$       | $\vdash$ | ┝        | -              |
|            | 55       | ⊩             | <del> </del>                                     | ├  |  |              | $\vdash$       | $\vdash$ | ⊢        | ⊢              |
| $\vdash$   | 54       | L             |  | <u> </u>   |  | _            |                | ├        | ļ.,      | <u> </u>       |
| <u> </u>   | 55       |               |  | <u> </u>   |  | <u> </u>     | <u> </u>       | ļ        | <u> </u> |                |
|            | 56       |               |  | _  |  |              | _              | _        | <u> </u> | <u></u>        |
|            | 57       |               |  |  |  |              |                |          |          |                |
|            | 58       |               |  |  |  |              |                |          |          |                |
|            | 59       |               |  |  |  |              |                |          |          |                |
|            | 59<br>60 |               |  |  |  |              |                |          |          |                |
|            | 61       |               |  |  |  |              |                |          |          |                |
|            | 62       | _             | $\vdash$   |  |  |              |                |          |          |                |
|            | 63       |               | 1  | ļ  | l  | <del> </del> | T              | T        | $\vdash$ | 1              |
|            | 64       | <u> </u>      | <del>                                     </del> | <del>                                     </del> | $\vdash$   |              | $\vdash$       | $\vdash$ |          |                |
| $\vdash$   | 64<br>65 | -             | -  | -  | <del>                                     </del> | -            | $\vdash$       | $\vdash$ |          |                |
| $\vdash$   | 66       |               |  | -  | -  | -            | $\vdash$       | ┝        |          | -              |
|            | 67       |               | -  | -  | -  | -            |                | -        | ╁        |                |
|            | 67       |               | _  |  | ├  |              |                | -        |          |                |
|            | 68       |               | <u> </u>   |  | L  | _            | <u> </u>       | <u> </u> | <u> </u> | _              |
|            | 69       |               | <u> </u>   | <u> </u>   | <u> </u>   | $\vdash$     | _              | _        | _        |                |
|            | 70       |               | ļ  | _  |  |              | <u> </u>       |          | <u> </u> |                |
|            | 71       |               | <u> </u>   |  |  |              |                |          | L        |                |
|            | 72       |               |  |  |  |              |                |          |          |                |
|            | 73       |               |  |  |  |              |                |          |          |                |
| 1 1        | 74       |               |  |  | l.   |              |                |          |          |                |
|            | 75       |               |  |  |  |              |                |          |          |                |
|            | 75<br>76 |               |  |  |  |              | Г              |          |          |                |
|            | 77       |               |  |  |  |              |                |          |          |                |
|            | 78       |               |  |  |  |              |                |          |          |                |
|            | 79       |               |  |  |  |              | -              |          |          | М              |
|            | 80       |               | -  |  | -  |              |                | -        |          |                |
|            | 81       |               |  |  |  |              |                | Н        | -        |                |
| -          | 82       |               |  |  |  |              |                | -        |          | Н              |
| <b></b>    | 83       |               |  |  |  |              |                | -        | -        | Н              |
| -          | 84       | _             |  | <u> </u>   | _  |              | _              |          |          | $\vdash$       |
| $\vdash$   | 85       |               |  | H  | -  | H            | $\vdash$       | H        | -        | $\vdash\vdash$ |
|            | 00       |               | _  | $\vdash$   |  | Н            |                | <u> </u> |          | Н              |
| $\vdash$   | 86       | -             |  | $\vdash$   |  | Н            | $\vdash$       | $\vdash$ | $\vdash$ | Н              |
| $\vdash$   | 87       |               |  | $\vdash$   |  | $\vdash$     | $\vdash$       | <u> </u> | -        | $\vdash$       |
| $\vdash$   | 88       | _             |  | Н  |  | Щ            | Н              | _        | $\vdash$ | _              |
| $\vdash$   | 89       | _             |  |  |  | Н            |                |          | _        | ш              |
|            | 90       |               |  | $\sqcup$   | _  | Щ            |                | <b>.</b> | ļ.,      | Ш              |
|            | 91       |               |  |  |  | Ш            |                |          | L.,      | $\Box$         |
|            | 92       |               |  | Ш  |  |              |                | L        | $  \_  $ |                |
|            | 93       |               |  |  |  |              |                |          | Ш        |                |
|            | 94       |               |  |  |  |              |                |          |          |                |
| <u></u> ]  | 95       | ]             |  |  |  |              |                |          |          |                |
| $\Box$     | 96       |               |  |  |  |              |                |          |          |                |
|            | 97       |               |  |  |  |              |                |          |          |                |
|            | 98       |               |  |  |  |              |                |          |          |                |
|            | 99       |               |  |  |  |              |                |          | $\Box$   |                |
|            | 100      |               |  |  |  |              |                |          |          | $\dashv$       |
| <b>—</b> — |          |               |  |  |  |              |                | 1        |          |                |

| Claim    |            | Date         |          |          |          |  |  |              |  |                 |  |
|----------|------------|--------------|----------|----------|----------|--|--|--------------|--|-----------------|--|
|          | ı          |              | Τ        |          |          | T  | Ī  | Γ            | Γ  | П               |  |
| <u> </u> | Original   |              |          |          |          |  |  |              |  |                 |  |
| Final    | Ē          |              |          | l        | 1        |  |  |              |  |                 |  |
|          |            |              | l        |          |          |  |  | l            |  |                 |  |
|          | 101<br>102 |              |          |          | Ī        | ļ  |  | Ī            |  | П               |  |
|          | 102        |              |          |          |          |  |  |              |  |                 |  |
|          | 103        |              |          |          |          |  |  |              |  |                 |  |
|          | 104        |              |          |          |          |  |  |              |  |                 |  |
|          | 105        | L            |          |          |          |  |  |              |  |                 |  |
|          | 106        | L            | L        | L        |          | <u>L</u>   |  | <u> </u>     |  |                 |  |
|          | 107        |              |          |          |          | _  | ļ  | <u> </u>     | <u> </u>   |                 |  |
|          | 108        | _            | _        | _        | L        | _  | _  | ļ            | _  | Ш               |  |
|          | 109<br>110 | L.           | ļ        | L.,      | L.       |  | ļ  |              |  | Ш               |  |
|          | 110        |              |          | _        |          | <u> </u>   | ļ  | <u> </u>     | <u> </u>   | Ш               |  |
|          | 111        | <u> </u>     | ــــ     | L        | <u> </u> |  | ↓  | ↓_           | ļ  | $\vdash \vdash$ |  |
|          | 112<br>113 | $\vdash$     | _        | -        | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$     | -  | $\vdash \vdash$ |  |
|          | 113        | <u> </u>     | <u> </u> |          | <u> </u> |  | -  | ├            | -  | $\vdash \vdash$ |  |
|          | 114<br>115 | <u> </u>     | <u> </u> |          |          | -  | -  | ļ            | <u> </u>   |                 |  |
|          | 115        | ├            |          |          | ├        | ⊢  | ├-   | ├-           | ⊢  |                 |  |
|          | 116        | H            |          |          | ┝        | ┢  | ⊢  | <del> </del> | -  |                 |  |
|          | 117        | -            | -        |          | ├        | ┝  | ├  | -            | -  |                 |  |
|          | 118        | -            | -        | -        | ⊢        | ⊢  | ⊢  | ₩            | ├  | $\vdash$        |  |
|          | 119        |              | -        | $\vdash$ | $\vdash$ | $\vdash$   | ⊢  | <u> </u>     | -  | $\vdash$        |  |
|          | 120<br>121 |              |          | $\vdash$ | ⊢        | $\vdash$   | $\vdash$   | -            |  | Н               |  |
|          | 121        | -            | -        | H        |          | ╁  | ⊢  | <u> </u>     | <u> </u>   | Н               |  |
|          | 122<br>123 | -            | ├        | $\vdash$ | $\vdash$ | <del>                                     </del> | ╁  | ├            | <del> </del>                                     | Н               |  |
|          | 124        | $\vdash$     | $\vdash$ |          |          | -  | ⊢  |              | H  | Н               |  |
|          | 125        | ┢            | -        | -        |          | -  | -  | -            | -  | Н               |  |
|          | 125<br>126 |              | -        | -        | -        | H  | -  | -            | -  | Н               |  |
|          | 127        |              | <u> </u> |          |          |  |  | ┢            |  | Н               |  |
|          | 128        | -            | _        |          | <b>-</b> | -  |  |              | -  | Н               |  |
|          | 128<br>129 | -            | $\vdash$ | $\vdash$ | ╁╌       | $\vdash$   | <del>                                     </del> | $\vdash$     | <del>                                     </del> | Н               |  |
|          | 130        | $\vdash$     | ┢        | $\vdash$ |          |  |  | 1            |  | H               |  |
|          | 131        | _            | <u> </u> |          | -        | -  |  |              |  |                 |  |
|          | 132        |              |          |          |          | _  |  |              |  |                 |  |
|          | 133        |              |          |          |          | Ī  |  | <u> </u>     |  |                 |  |
|          | 134        |              |          |          |          |  |  |              |  |                 |  |
|          | 135        |              |          |          | L        |  | Ĺ  |              |  |                 |  |
|          | 136<br>137 |              | _        |          | <u> </u> | _  | L  |              |  | Ш               |  |
|          | 137        | L            | L.       | _        | <u> </u> | <u> </u>   | _  | _            | _  | Ш               |  |
|          | 138        |              | L.       |          | _        | <u> </u>   | <u> </u>   | <u> </u>     | _  | Ц               |  |
|          | 139        | <u> </u>     | <u> </u> |          | ļ        | <u> </u>   | <u> </u>   | _            | ┡  | Н               |  |
|          | 140        | _            | <u> </u> | -        |          | ├-   | -  | _            | ⊢  | $\vdash$        |  |
|          | 141        |              | -        |          | $\vdash$ | -  | $\vdash$   | $\vdash$     |  | Н               |  |
|          | 143        | -            | -        | _        | $\vdash$ |  | $\vdash$   | -            | -  | Н               |  |
|          | 144        | <del> </del> | $\vdash$ |          | -        |  | -  | $\vdash$     | H  | $\dashv$        |  |
|          | 145        | $\vdash$     | $\vdash$ |          |          | -  | -  | -            | $\vdash$   | $\dashv$        |  |
|          | 146        | -            | $\vdash$ |          |          | -  |  | $\vdash$     | H  | Н               |  |
| -        | 147        |              | $\vdash$ |          | <b>-</b> | <del> </del>                                     | <u> </u>   | $\vdash$     |  | Н               |  |
|          | 148        |              | Н        | Н        | _        |  |  | Н            | <del>                                     </del> | Н               |  |
|          | 149        |              |          |          |          |  | _  |              |  | $\dashv$        |  |
|          | 150        |              |          |          |          |  |  |              |  |                 |  |
|          |            | _            |          |          |          |  |  |              |  |                 |  |